

2022 MHSRS POSTER SESSION

POSTER SESSION 1

Tuesday, 13 September 2022

1000 – 1200

Poster Set-up: Beginning at 0900

Presenters at Posters: 1000 – 1200

Poster Take-down: By 1400

Advances in Prolonged Care

Trauma Resuscitation and Critical Care on the Future Battlefield

Advanced Decision Support and Automation Technologies to Support Combat Casualty Care in Future Multi-Domain Operations

Novel Strategies for Treatment of Shock or Blood Failure: Blood and Blood Products

Cellular Therapeutics for Treatment of Shock and Trauma

Emerging Technologies for Treatment of Non-compressible Torso Hemorrhage

Pathophysiology of Combined Traumatic Injury

Point of Injury Care: From Bench to Battlefield

Multi-Organ Dysfunction in Prolonged Field Care Scenarios

Burn Injury Management in Theater

Treatment Innovations for Acute Respiratory Distress Syndrome (ARDS)

What's New in Airway Science and Technology

Expeditionary Eye Care

En route Care Innovation - Increasing Effectiveness of En Route Combat Casualty Care

Novel Interventions for Non-pharmacological Pain Management

Pain Management for the Future Fight

Research Investigations on Implementation of Novel Learning and Education Training Strategies to Improve Readiness for Battlefield Care

Force Health Protection: Research in Exposure and Risk Assessment

Military Exposures and Subsequent Long-term Outcomes

Wearables: Future Capability, Past Successes and Current Challenges in a Deployed Environment

2022 MHSRS POSTER SESSION

POSTER SESSION 2

Tuesday, 13 September 2022

1600 – 1800

Poster Set-up: Beginning at 1500

Presenters at Posters: 1600 – 1800

Poster Take-down: By 1900

Acutely Administered Interventions for Battlefield Traumatic Brain Injury

Battlefield Biomarkers for TBI: Diagnostic and Prognostic Indicators

Novel Clinical Assessments and Interventions for mild Traumatic Brain Injury

Military-Centric Therapeutic Strategies for Traumatic Brain Injury

Advances in Blast-Induced Neurotrauma and Battlefield Treatments

Blast Overpressure and Acoustic Sensor, and PPE Effectiveness across Different Environmental Conditions

Blast, Blunt, Accelerative Exposure in Military Training Exercises

NDAA FY18 Sec 734 - The Longitudinal Medical Study on Blast Exposure of Members of the Armed Forces: Program Overview and Updates

Advancements in Prosthetic and Orthotic Technologies

Advances in Regenerative Medicine Therapies for Treatment of Neuromusculoskeletal Injuries: Enabling Enhanced Functional Outcomes

Injury Biomechanics and Prevention for Military Applications

Treatment Strategies Following Musculoskeletal Injury

Innovative Technologies, Strategies, Models, and Analytical Tools for Predicting, Preventing, Tracking and Treating Musculoskeletal Injuries of the Warfighter

Advances in Craniofacial Trauma and Infections: Preventative, Reconstructive, Rehabilitative and Regenerative Strategies to Accelerate Return-to-Duty

Biomedical Manufacturing for Warfighter Treatment Needs

Precision Medicine Research: Optimizing Warfighter Healthcare, Readiness, and Return to Duty

Artificial Intelligence, Machine Learning, and Predictive Analytics in Military Medicine

2022 MHSRS POSTER SESSION

POSTER SESSION 3

Wednesday, 14 September 2022

1000 – 1200

Poster Set-up: Beginning at 0900

Presenters at Posters: 1000 – 1200

Poster Take-down: By 1400

Development of New Front Line Therapies to Prevent & Treat Endemic Viral Diseases (non SARS CoV-2)

Antimicrobial Development to Counter Wound Infections in Military Personnel

Mitigating Bloodborne Infection Risk in Large Scale Combat Operations

Sepsis 360 - Early Detection and Treatment in the Operational Environment

SARS CoV-2 Therapeutics and Diagnostics

SARS CoV-2 Clinical Studies/Epidemiology

Integrative Prevention Approaches to Decrease Harmful Behaviors and Increase Service Member Psychological Health, Readiness, & Performance

Solutions to Promote Resilience and Mitigate Acute Stress in the Face of Trauma and Mass Casualty Events

Stress and Adjustment Disorders in Military Service Members

Suicide Prevention Research Initiatives in DoD

Clinical Practice Guidelines for Behavioral Health Interventions in Forward Locations for Non-Specialty Providers

Employment of Advanced Technologies for Integrated Health Monitoring and Geolocation for Training and Operations in Multi-Domain Environments

Human and Machine Co-Learning

Technologies and Approaches to Support Specialty Virtual Health in Denied, Intermittent, or Low-Bandwidth Communications Environments

Improving Warfighter Readiness and Performance through Health Services Research

Update on Women's Health

Advances in Warfighter Nutrition

Improving Sleep in the DoD: Investigations in Operational, Therapeutic, and Biomarker Strategies

Novel Treatments, Strategies, and Technologies in Hearing and Balance Health
Addressing Sensory Illusions and Motion Sickness
Ongoing Health Issues in Military High Performance Flight
Undersea Training and Operational Research

MEDICAL READINESS	EXPEDITIONARY MEDICINE	WARFIGHTER PERFORMANCE	RETURN TO DUTY	OTHER
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